

Work Order ID 51701

August 28, 2009 6:50:36 AM

-2
SPLIT-2



Page 1

Item ID: D3977-1

Accept



Setup Start



Revision ID: A

Item Name: Bolt

Stop



Start Date: 8/31/09 Start Qty: 5.00



Cust Item ID:

Required Date: 9/11/09 Req'd Qty: 5.00



Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3977

A

100

0.00



Purchasing

Memo

0.00

Purchasing

Issue P/O: 10284
Purchase Part Number: 92356A662
Supplier: McMASTER-CARR
Certificate of conformity is required

CZ 09/08/28 5

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

10 9/11/31 5

Work Order ID 51701

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Page 2

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QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120

QC6- Inspect dimensions to drawing

0.00

⇒ Scrl 10/01

(+5)

4



QC

Memo

0.00

Quality Control

130

Identify as per dwg & Stock Location: _____

0.00



Packaging

Memo

0.00

Packaging

9/10/01 (40) SD

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

09/10/01

125 Drill holes per dwg

09.09.3.

126 QCS

Scrl 10/01 (40) p

MF 09-10-01

09/09/01

Picklist Print

August 28, 2009 6:50:36 AM

Page 1

Work Order ID: 51701

Parent Item: D3977-1RevA

Parent Item Name: Bolt

Comments:



Start Date: 8/31/09

Required Date: 9/11/09

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
92356A662		Purchased	No			110	Each	0.0000	5.0000			



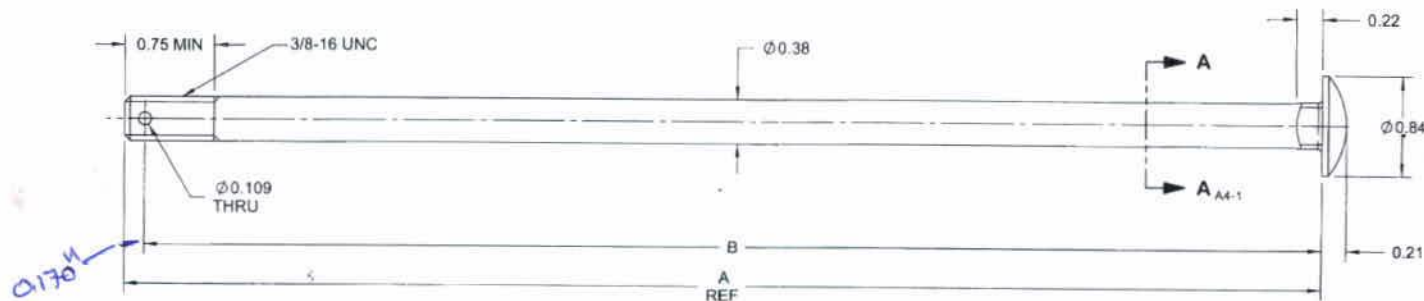
Bolt



CMF

09-10-01

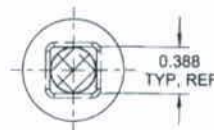
SPECIFICATION CONTROL DRAWING



D3977-X BOLT (CARRIAGE), UNC

DART P/N	A	B	MATERIAL	WEIGHT (lbs)	SUPPLIER	SUPPLIER P/N
D3977-1	10.00	9.830	18-8 STAINLESS STEEL	0.34	McMASTER-CARR	92356A662

Lo 9/108/28
w/10' 51701



SECTION A-A C3-1

- NOTES:
- 1) MATERIAL: SEE TABLE
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: SEE TABLE

RELEASE
9/10/13 MB

REV	NEW ISSUE	DESCRIPTION	MB	09.07.13
DESIGN			BY	DATE
DRAWN				
CHECKED				
MFG. APPR.				
APPROVED				
DE APPR.				
DATE	09.07.13			

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3977	REV. A SHEET 1 OF 1
TITLE BOLT (CARRIAGE), UNC	SCALE NTS
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Aurora OH 44202
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

McMaster-Carr Number
1654247-01

08/28/2009

Line	Description	Ordered	Shipped
3	92198A672 18-8 Stainless Steel Hex Head Cap Screw, 7/16"-14 Thread, 5" Length, Packs of 1	100 Packs	100
2	91525A120 Type 316 Stainless Steel Large-Diameter Flat Washer, 1/4" Screw Size, 1" OD, .04"-.06" Thick, Packs of 25	8 Packs	8
5	91853A031 18-8 Stainless Steel Slotted Castle Nut, 3/8"-16 Thread Size, 9/16" Width, 13/32" Overall Height, Packs of 1	5 Packs	5
1	92311A564 Type 18-8 Stainless Steel Cup-Point Socket Set Screw, 1/4"-28 Thread, 1" Length, Packs of 50	4 Packs	4
4	92356A662 18-8 Stainless Steel Round Head Square Neck Carriage Screw, 3/8-16 Thread, 10" Length, Packs of 1	5 Packs	5

A11

2 - 711 - 10	45 - 96	A672	100 PK	3
23 lbs			One EA/PK	
2 - 703 - 02	08 - 79	A120	8 PK	2
2 - 700 - 01	10 - 93	A031	5 PK	5
			One EA/PK	
2 - 699 - 04	06 - 67	A564	4 PK	1
2 - 716				4

Dart Aerospace Ltd

Assembly
Area

11

Cycle

28

Shelf

106

Documents

2

2 or 10/10

EXP

29 lbs
5 line:

FW1WBP24
08/28/2009
10:48/11:02
054



DART
aerospaceDart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PO REPRINT

Purchase Order ID PO10284

Purchase Order Date 8/27/09

PO Print Date 8/28/09

Page Number 1 of 2

Order From :

VU-MCM001

MCMASTER-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US**FAKED**
6/29/09

Contact Name

Vendor Phone 330 995 5500

Vendor Fax 330 9959600

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms Net 30

Currency USD

FOB

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	92311A564	Set Screw	8/31/09 Yes	✓ 200.00 Each	Purolator ground	\$0.2500	\$50.00
		Special Inst:	AS PER DWG D3533 REV. B B51602 MCMASTER P/N: 92311A564				
2	91525A120	washer	8/31/09 Yes	200.00 Each	Purolator ground	\$0.2400	\$48.00
		Special Inst:	AS PER DWG D3456 REV. A B51653 MCMASTER P/N: 91525A120				
3	7/16-14-050C	SS Bolt 7/16 5" Long	8/31/09 Yes	100.00 Each	Purolator ground	\$2.5696	\$256.96
4	92356A662	Bolt	8/31/09 Yes	5.00 Each	Purolator ground	\$6.0400	\$30.20
		Special Inst:	AS PER DWG D3977 REV. A B51701 MCMASTER P/N: 92356A662				

PO Instructions: PLEASE ADVISE PRICE \$\$\$\$\$\$

8/28/09

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY